

Notice of Allowability

Application No.

09/615,383

Examiner

Philip B. Tran

Applicant(s)

CASALAINA, MARC S.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/12/05.
2. ☒ The allowed claim(s) is/are 1-5, 7, 8, 10-13, 15, 19, 20, 22-31 and 33-40.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date Attached.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Philip B. Tran
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Young (Reg. No. 48,602), the undersigned, on November 25, 2005. The application has been amended as follows:

IN THE CLAIMS:

Claims 6, 9, 14, 16-18, 21 have been canceled.

Claims 1, 7, 15, 19, 20, 24, 26 and 30 have been amended.

Claims 35-40 have been newly added.

Claim 1 has been amended as follows:

1. (Currently Amended) A method for updating a configuration page on a user side of an Internet-based configuration system without having to contact a server side of the configuration system, the method comprising:

receiving the configuration page from the server side along with delta configuration page information associated with the configuration page, the delta configuration page information including update information usable to update the

configuration page with one or more changes without having to contact the server side of the configuration system;

responsive to the user side receiving a user input that is associated with delta configuration page information available at the user side after receiving the delta configuration **page** information and the configuration page, retrieving the delta configuration page information without having to contact the server side of the configuration system; and

updating the configuration page with a change included in the update information of the delta configuration page information, wherein the configuration page is updated without having to contact the server side of the configuration system after receiving the delta configuration **page** information and the configuration page,

wherein the delta configuration page information is contained in a look-up table pursuant to an indexing scheme and is embedded in the configuration page.

Claim 7 has been amended as follows:

7. (Currently Amended) A method for transmitting product configuration information generated by a server side of an Internet-based configuration system to a user side of the configuration system, the method comprising:

generating a configuration page that allows a user to provide a user input to the configuration system;

associating delta configuration page information with the configuration page, the delta configuration **page** information including update information usable by the user side to update the configuration page with one or more changes; and

transmitting the configuration page along with the delta configuration page information to the user side from the server side, wherein the delta configuration **page** information allows the user side to update the configuration page, responsive to the user input, with a change included in the update information of the delta configuration page information without having to contact the server side of the configuration system after receiving the delta configuration **page** information and the configuration page,

wherein the delta configuration page information is contained in a look-up table and the associating step further comprises:

organizing the delta configuration page information within the look-up table pursuant to an indexing scheme; and

embedding the look-up table in the configuration page.

Claim 15 has been amended as follows:

15. (Currently amended) The method of claim 14 **1**, ~~wherein in response to receiving the user input,~~ **further comprising combining the** update information for the change in the delta configuration page information ~~is combined~~ with the configuration page thereby defining a new configuration ~~that is responsive to the user input.~~

Claim 19 has been amended as follows:

19. (Currently Amended) A computer-readable medium having instructions stored thereon which, when executed by a processor included on a user side of an Internet-based configuration system, cause the processor to perform the steps of:

receiving the a configuration page from the server side along with delta configuration page information associated with the configuration page, the delta configuration page information including update information usable to update the configuration page with one or more changes without having to contact the server side of the configuration system;

responsive to the user side receiving a user input that is associated with delta configuration page information available at the user side, retrieving the delta configuration page information; and

updating a configuration page with a change included in the update information of the delta configuration page information without having to contact a server side of the configuration system, wherein the configuration page is updated without having to contact the server side of the configuration system after receiving the delta configuration page information and the configuration page,

wherein the delta configuration page information is contained in a look-up table pursuant to an indexing scheme and is embedded in the configuration page.

Claim 20 has been amended as follows:

20. (Currently Amended) A computer-readable medium having instructions stored thereon which, when executed by a processor included on a server side of an Internet-based configuration system, cause the processor to perform the steps of:

generating a configuration page that allows a user to provide input to the configuration system;

associating delta configuration page information with the configuration page, the delta configuration **page** information including update information usable by the user side to update the configuration page with one or more changes; and

transmitting the configuration page along with the delta configuration page information, wherein the delta configuration **page** information allows the user side to update the configuration page, responsive to the user input, with a change included in the update information of the delta configuration page information without having to contact the server side of the configuration system after receiving the delta configuration **page** information and the configuration page,

wherein the delta configuration page information is contained in a look-up table and the associating step further comprises:

organizing the delta configuration page information within the look-up table pursuant to an indexing scheme; and

embedding the look-up table in the configuration page.

Claim 24 has been amended as follows:

24. (Currently Amended) A configuration page update system for updating a configuration page displayed on a client side of a network without having to contact a server side of that network, the system comprising:

means for receiving the configuration page from the server side along with delta configuration page information associated with the configuration page, the delta configuration page information including update information usable to update the configuration page with one or more changes without having to contact the server side of the network;

means for retrieving delta configuration page information available at the client side, responsive to the client side receiving a user input that is associated with the delta configuration page information; and

means for updating the configuration page with a change included in the update information of the delta configuration page information, wherein the configuration page is updated without having to contact the server side of the network after receiving the delta configuration page information and the configuration page,

wherein the delta configuration page information is contained in a look-up table pursuant to an indexing scheme and is embedded in the configuration page.

Claim 26 has been amended as follows:

26. (Currently Amended) A method for updating a configuration page on a client side of a network, the method comprising:

receiving delta configuration page information on the client side, the delta page information being associated with the configuration page, the delta configuration page information including update information usable to update the configuration page with one or more changes without having to contact a server side of the network;

receiving a user input on the client side, after receiving the delta configuration page information;

retrieving from the client side the delta configuration page information responsive to the received user input; and

updating the configuration page with a change included in the update information of the retrieved delta configuration page information, wherein the configuration page is updated without having to contact the server side of the configuration system after receiving the delta configuration page information and the configuration page,

wherein the delta configuration page information is contained in a look-up table pursuant to an indexing scheme and is embedded in the configuration page.

Claim 30 has been amended as follows:

30. (Currently Amended) A method for receiving delta configuration page information on a client side of a network from a server side of that network, the method comprising:

responsive to receiving a user input that is not associated with delta configuration page information available at the client side, requesting a new configuration page;

receiving, on the client side, the new configuration page along with delta configuration page information that is associated with the new configuration page, the delta configuration page information including update information usable to update the new configuration page with one or more changes without having to contact the server side of the network, wherein the delta configuration page information is contained in a look-up table pursuant to an indexing scheme and is embedded in said configuration page; [[:]]

displaying the new configuration page on the client side;

receiving a user input;

updating the displayed new configuration page with a change included in the update information of using the delta configuration page information, responsive to the user input, wherein the new configuration page is updated without having to contact the server side of the network after receiving the delta configuration page information and the new configuration page; and

displaying the updated new configuration page.

Claims 35-40 have been newly added as follows:

35. (New) The method of claim 1, wherein the delta configuration page information is indexed in the indexing scheme according to specific user inputs that can

be provided from the configuration page, each specific user input being related to a portion of the delta configuration page information.

36. (New) The computer-readable medium of claim 19, wherein the delta configuration page information is indexed in the indexing scheme according to specific user inputs that can be provided from the configuration page, each specific user input being related to a portion of the delta configuration page information.

37. (New) The computer-readable medium of claim 20, wherein the delta configuration page information is indexed in the indexing scheme according to specific user inputs that can be provided from the configuration page, each specific user input being related to a portion of the delta configuration page information.

38. (New) The page update system of claim 24, wherein the delta configuration page information is indexed in the indexing scheme according to specific user inputs that can be provided from the configuration page, each specific user input being related to a portion of the delta configuration page information.

39. (New) The method of claim 26, wherein the delta configuration page information is indexed in the indexing scheme according to specific user inputs that can be provided from the configuration page, each specific user input being related to a portion of the delta configuration page information.

40. (New) The method of claim 30, wherein the delta configuration page information is indexed in the indexing scheme according to specific user inputs that can

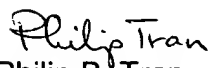
be provided from the configuration page, each specific user input being related to a portion of the delta configuration page information.

REASONS FOR ALLOWANCE

3. Claims 1-5, 7-8, 10-13, 15, 19-20, 22-31 and 33-40 are allowable over the prior art of record.
4. This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks filed on 09/12/2005 with respect to the amended claim limitations point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).
5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip B. Tran whose telephone number is (571) 272-3991. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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November 25, 2005